

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 6 and 11 are canceled without prejudice or disclaimer, and claims 1 and 7 are currently amended.

1. (Currently Amended) A method for displaying power levels of code channels of a CDMA (Code Division Multiple Access) signal, said code channels having different spreading factors, comprising:

receiving the CDMA signal;

measuring the power levels of the code channels of the CDMA signal;

displaying the measured power levels of the code channels for a specified base spreading factor in a diagram; and

marked marking those code channels, which provide an alias power level, wherein a code channel provides an alias power level relating to the specified base spreading factor when the code channel with the specified base spreading factor is inactive, and a code channel of a higher spreading factor corresponding thereto is active,

when measuring a CDMA signal from a transmitter with a first antenna and a second antenna, which use mutually orthogonal codes, marking a code channel with the spreading factor of the first antenna, in which an alias power level occurs, which is an actual power level of an active code channel of the second antenna, differently from a code channel with an alias power level, which is an actual power level of a code channel with a higher spreading factor of the same antenna.

2. (Previously presented) A method according to claim 1, wherein the power levels of the code channels are displayed in a bar diagram.

3. (Previously presented) A method according to claim 1, wherein those code channels which provide an alias power level, are marked in color.

4. (Previously presented) A method according to claim 1, further comprising automatically displaying the power levels of the code channels after a user entry, with the highest spreading factor that contains an active code channel.

5. (Previously presented) A method according to claim 1, further comprising:
assigning a marking allocated to a code channel providing an alias power level, in the case of
a change to a higher spreading factor, to a code channel causing the alias power level.

6. (Canceled)

7. (Currently Amended) A signal analyzer for measuring a plurality of power levels of respective code channels of a CDMA (Code Division Multiple Access) signal, comprising:

an analysis device for evaluating the power level of the individual code channels; and
a display device for visual presentation of the power levels of the individual code channels of
a given basic spreading factor in a diagram,

wherein those code channels relating to the specified base spreading factor, which are inactive and for which an alias power level is measurable, are marked in the diagram, an alias power level being present, if a code channel of a higher spreading factor, which

corresponds to an inactive code channel relating to a specified base spreading factor, is active,

wherein in analyzing a CDMA signal of a transmitter with a first antenna and a second antenna, which use mutually orthogonal codes, those code channels of an antenna, for which an alias power level is measurable, which is caused by an active code channel of the other antenna, are presented differently from code channels with a measurable alias power level, which is caused by an active code channel of a higher spreading factor of the same antenna.

8. (Previously presented) A signal analyzer according to claim 7, wherein the power levels of the code channels is presented in a bar diagram.

9. (Previously presented) A signal analyzer according to claim 7, wherein the inactive code channels of the specified base spreading factor, for which an alias power level is measurable, are marked in the diagram in a different color from the active code channels of the specified base spreading factor.

10. (Previously presented) A signal analyzer according to claim 7, wherein the code channels relating to the maximum spreading factor, which contains an active code channel, are automatically presented on the display device.

11. (Canceled)